

Claims

1. A plug-in jack comprising an insulating jack housing in which at least one jack contact is accommodated, said jack contact consisting of a retaining part and a jack, said jack being mounted on said retaining part so as to be pivotable by a limited angle.

2. The plug-in jack according to claim 1, wherein said retaining part comprises a head portion, an adjoining annular groove and a collar adjoining said annular groove and wherein said jack comprises spring shackles engaging with said annular groove.

3. The plug-in jack according to claim 2, wherein said spring shackles have free ends and are provided with one hook on each of said ends.

4. The plug-in jack according to claim 2, wherein said jack is barrel-shaped and is provided with several contact shackles at an end opposite said hook.

5. The plug-in jack according to claim 2, wherein said collar of said retaining part is adjoined by an anchor groove followed by an anchor portion accommodated in said jack housing, an annular spring being accommodated in said anchor groove, its edge facing said collar being beveled and a diameter of said collar and said head of said retaining part being less than a diameter of said anchor portion.

6. The plug-in jack according to claim 1, wherein said retaining part comprises a retaining opening and said jack comprises at least one hook engaging into said retaining opening.

7. The plug-in jack according to claim 6, wherein said retaining part comprises a rectangular cross-section at least in a region of said retaining opening and wherein said jack is provided with two spring shackles which face each other in parallel and rest on two lateral faces of said retaining part facing away from each other.

8. The plug-in jack according to claim 7, wherein said hook is formed by a sheet metal shackle bent away from said spring shackle.

9. The plug-in jack according to claim 7, wherein said jack is provided with two contact shackles facing each other in parallel.

5        10. The plug-in jack according to claim 9, wherein said spring shackles face each other along a first direction being at right angles with respect to a second direction in which said contact shackles face each other.

10       11. The plug-in jack according to claim 10, wherein there are provided four spring shackles which face each other in pairs, as well as four contact shackles which also face each other in pairs.

12. The plug-in jack according to claim 11, wherein said jack is a bent sheet metal part having a closed center portion.

15       13. The plug-in jack according to claim 12, wherein said center portion is provided on each side with one connecting shackle each, which shackle is attached to said other side of said center portion.

14. The plug-in jack according to claim 11, wherein said jack is a bent sheet metal part having a rectangular center plate, the latter being provided with edges from which said spring shackles and said contact shackles start out.

20       15. The plug-in jack according to claim 1, wherein said retaining part is provided with an SMT connection.

A3       16. A plug part having an insulating plug housing in which there is accommodated at least one plug contact provided for engaging into said jack contact of a plug-in jack.

25       17. The plug part according to claim 16, wherein said plug contact comprises plug-in portion, an anchor portion and an SMT connection.

18. The plug part according to claim 17, wherein said plug-in portion is pin-shaped with a round cross-section and wherein said plug-in portion is adjoined by a collar which is followed by an anchor groove which is, in turn, adjoined by said anchor portion, an annular spring being accommodated in said anchor groove, its edge facing said collar being beveled and a diameter of said plug-in portion and said collar being less than a diameter of said anchor portion.

19. The plug part according to claim 17, wherein said plug-in portion comprises a rectangular cross-section.